Approved for use through 09/30/00. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY							
PATENT APPLICATION							
TRANSMITTAL							

TI-28441A Attorney Docket No. First Named Inventor or Application Identifier Anand G. Dabak, et al. Space Time Block Coded Transmit Antenna Diversity for **WCDMA**

(Only for new nonpro	ovisional application	ns under 37 CFR 1.53(b))	Express Ma	Mail Label No. EV 334467475 US				ريـــــ		
APPLICATION ELEMENTS See MPEP Chapter 600 concerning utility patent application contents					ESS 7	ΤΟ:	Commissioner for Pa Box Patent Applicati Alexandria, VA 2231	on	S. 3	
	nsmittal Form (e.g	g., PTO/SB/17) licate for fee processing)		6.	٨	Microfiche (Computer Program (Ap	pendix)	4 U.	
2. X Specification (preferred	ation ed arrangement se	[Total Pages at forth below]	12	<i>1</i> 7.		ide and/or <i>i</i> cable, all ne	Amino Acid Sequence ecessary)	Submission	17354	
 Descriptive title of the Invention Cross References to Related Applications 					а.		Computer Readable C	ору		
- Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix							Paper Copy (identical	to computer co	opy)	
•	round of the Inven				с. Г		Statement verifying ide	entical of abov	e copies	
- Brief D	escription of the D			<u> </u>	ACCO	MPAN	YING APPLICA	TION PAR	RTS	
- Detaile - Claim(ed Description s)					A i	A Denom (on your phone)	9 Desuments/		
,	ct of the Disclosur	re		8.	ַ'	Assignmen	it Papers (cover sheet a	a Documents(:	5))	
3. X Drawing	(s) (35 USC d113	(Total Sheets	4] 9.			.73(b) Statement e is an assignee)	X Power		
4. Oath or Declarati	ion	[Total Pages	2] 10.		English Tra	anslation Document (if	applicable)	ł	
a 1	Newly Executed (d	original or copy)		11.			Disclosure (IDS)/PTO-1449	X Copi	es of IDS ions	
		application (37 CFR §1.63(d)) ivisional with Box 17 complete	ed)	12.	12. X Preliminary Amendment					
	[Note B	ox 5 below]		13.	13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §1.63(d)(2) and 1.33(b).				14.	(PTO/SB/09-12) Certified Copy of Priority Document(s)					
5. X Incorpor	ation By Reference	ce (useable if Box 4b is check	ed)	15.		if foreign pr Other:	riority is claimed)			
The enti	re disclosure of the	e prior application, from which supplied under Box 4b, is con-	n a copy of sidered as	16.						
being pa	art of the disclosur ncorporated by re	e of the accompanying applic	ation and is				to be entitled to pay small a prior application and is t			
17. If a CONTINUI	NG APPLICAT	ON, check appropriate bo	ox and supp							
X Continuati			ntinuation				or application No:	09/205,02	<u>29</u> .	
Prior applicat	ion information					Unit: <u>263</u>	<u>31</u>			
·		18. CORF			UDRES					
X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Correspondence address below										
NAME		. NEERINGS uments incorporated								
ADDRESS	Mail Station	3999					***	····		
CITY	P. O. Box 6	55474 STATE	TX				ZIP CODE	75265		
COUNTRY	Dallas U.S.A.	TELEPHONE	(972) 9	17-5299)		FAX	(972) 91	7-4418	
Name (Print/Type)	3.0	RONALD O. NEERI				Reg	gistration No. (Attor		34,227	
Signature		Auo.	22	w	 ン	-	6/23	ate o 7		

PTO/SB/17 (1/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE	TR	ΔΝ	ISM	MITT	ΔΙ
1 – –		$\boldsymbol{\neg}$	U		\sim L

Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997 Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

C mplete If Known						
Application Number	TBD					
Filing Date	Her with					
First Named Inventor	Anand G. Dabak, tal.					
Examiner Name	TBD					
Group / Art Unit	TBD					
Attorney Docket No.	TI-28441A					

2. Payment Enclosed: Check	TOTAL AMOUNT OF	PAYMENT	(\$) 750		Atto	orney	Docke	t No.	D. TI-28441A			
Depot Account Number	N	METHOD OF I	PAYMENT	T		FEE CALCULATION (continued)						
Deposit Account Page Pag			by authorized to charge to the following	3.	A	DDITIO	ONAL	FEES				
Deposit Account Texas instruments incorporated 15 15 15 15 15 15 15 1	Deposit A	ccount,		lar	~4 Fr	ntitu	llem?	Farity				
Charge any additional fee required or credit any overpayment Charge any additional fee required or credit any overpayment Charge any additional fee required or credit any overpayment Charge and indicated fees and any additional fee required or credit any overpayment 147 2,520 2,520 2			20-0668	Fee	F	Fee	Fee	Fee	Fee	Description	Fee Paid	
Charge any additional fee required or credit any overpayment 17 50 227 25 25 27 25 27 25 27 25 27 27	Deposit Account			1						· · · · · · · · · · · · · · · ·	1 00 7 414	
required of credit any credit a		Texas Inst	truments Incorporated	127	7 50	0	227	25	Surcharge - lat			
2.	required or credit		any additional fee required o	. '					•			
Check	, ,							-	• •			
Substitute Fee	2. Payme	nt Enclosed:		ł					Examiner actio	n .		
1. BASIC FILING FEE Large Entity Small Entity Fee Statistical order Statistical		ه لــا	order L	113	3 1,	,840*	113	1,840*				
117 950 217 475 Extension of time within third month 118 1,510 218 755 Extension of time within from month 119 310 219 155 150		FEE CALCU	JLATION			-						
Large Entity Small Entity Fee	1. BASIC FILIN	IG FEE		ı								
Fee Description Fee Paid 128 2,080 228 1,030 Extension of time within fithin month 101 179 201 395 Utility filing fee S 120 310 220 155 Filing a brief in spopnt of an appeal 119 310 219 155 Filing a brief in spopnt of an appeal 119 310 219 155 Filing a brief in spopnt of an appeal 110 179 201 130 130 120 130 130 120 130	Large Entity Sm	nall Entity										
101	Fee Fee Fe		Fee Description Fee Paid									
106 330 206 155 Design filing fee S 120 310 220 155 Filing a brief in support of an appeal 120 310 320 135 Request for oral hearing 120 135 Request for oral hearing 120 135 Request for oral hearing 120 136 138 1,510		•••		- 1		•		•				
107 540 207 270 Plant filing fee S 131 121 270 221 135 Request for oral hearing Petition to review - unavoidable Petition to review - unintentional Petition to review - unavoidable Petition to review - unavoidable Petition to review - unintentional Petition to review - unavoidable Petition to review - unintentional Petition to review - unintentional Petition to review - uninten			· · · <u> </u>						• • •			
108 790 208 395 Reissue fling fee 5 140 110 240 55 Petition to revive - unintentional 114 150 214 75 Provisional filing fee 5 141 1,320 242 660 Utility issue fee (or reissue) 142 1,320 242 660 Utility issue fee (or reissue) 143 450 243 225 Design issue fee 144 670 244 335 Design issue fee 145 Petition to revive - unintentional 146 170 240 130 122 130 Petition to revive - unintentional 146 170 241 1320 242 660 Utility issue fee (or reissue) 147 148			· ·	ı					•	• • • • • • • • • • • • • • • • • • • •		
114			<u> </u>						•	_		
114	108 790 20		· L*					•				
2. EXTRA CLAIM FEES 142 1,320 242 680 Utility issue fee (or reissue)	114 150 21	14 75	Provisional filing fee \$									
2. EXTRA CLAIM FEES 143		ş	SUBTOTAL (1) (5)750									
2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid 122 133 122 133 130 Petitions rote to the Commissioner 123 50 123 50 Petitions rote to the Commissioner 123 50 123 130 Petitions rote to the Commissioner 125 240 126 240 126 240 Submission of Information Disclosure Stint.			(\$)7.00						•	•		
Total Claims 11 -20**= 0 x 18 = 0 122 130 Petitions to the Commissioner Pee Paid 123 50 123 50 Petitions related to provisional applications 11 -20**= 0 x 18 = 0 126 240 126 240 Submission of Information Disclosure Stint. S81 40 581 40 Recording each patent assignment per properly (time number of properties) 146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a)) 149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b)) 149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b)) 103 22 203 11 Claims in excess of 20 Other fee (specify) 110 22 210 11 **Reissue independent claims over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims in excess of 3 Multiple dependent claims in excess of 3 Multiple dependent claims in excess of 3 Multiple dependent claims in excess of 20 and over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims in excess of 3 Multiple dependent claims in excess of 20 and over original patent submission after final rejection (37 CFR 1.129(b)) 110 22 210 11 **Reissue independent claims in excess of 3 Multiple dependent claims in excess of 3 Multiple dependent claims in excess of 3 Multiple dependent claims in excess of 20 and over original patent submission after final rejection (37 CFR 1.129(b)) 110 **Reissue independent claims in excess of 3 Multipl	2 EXTRA CLAIM FEES								~			
Total Claims	L. EXITOLIA											
Total Claims 11	1											
Total Claims 11 -20*** = 0 x 18 = 0 581 40 581 40 Recording each patent assignment per properly (time number of properties) Independent		Extra Cia	aims below Fee Paid	126	3 24	40	126	240		• • • • • • • • • • • • • • • • • • • •		
Independent Claims Multiple Dependent -**or number previously paid, if greater; For Reissue, see below Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) 103 22 203 111 Claims in excess of 20 104 270 204 135 Multiple dependent Claims in excess of 3 109 82 209 41 Independent Claims in excess of 3 109 82 209 41 **Reissue independent claims in excess of 3 100 22 210 11 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 **Reduced by Basic Filling Fee Paid Submission after final rejection (37 CFR 1.129(b)) Other fee (specify) Other fee (specify) SUBTOTAL (3) SUBTOTAL (3) Reg. Number 23494 Typed or Printed Name RONALD O. NEERINGS Page Number 34,227	Total Claims 11	-20**= 0	x 18 = 0				_					
Multiple Dependent 280 = 0 146 790 245 395 Finding a submission after final rejection (37 CFR 1.129(a)) 149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b)) Large Entity Small Entity Fee		-3** = 0	x 84 = 0	İ					property (time	number of properties)		
**or number previously paid, if greater; For Reissue, see below Large Fee Fee Fee Fee Fee Fee Fee Fee Fee F	· · · · · · · · · · · · · · · · · · ·		280 = 0	140	5 /\	90	246	395		ision aπer final rejection (37		
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe				149	9 79	90	249	395				
Fee		. •	leissue, see deiow						Chairming (C)	o		
Code (\$) Code (\$) Code (\$)	,		Fee Description	J								
102 82 202 41 Independent Claims in excess of 3 104 270 204 135 Multiple dependent claims in excess of 3 109 82 209 41 **Reissue independent claims over original patent 110 22 210 11 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) SUBMITTED BY Typed or Printed Name RONALD O. NEERINGS Reg. Number 34,227			, ce Becompaci									
104 270 204 135 Multiple dependent claims in excess of 3 109 82 209 41 **Reissue independent claims over original patent 110 22 210 11 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) SUBMITTED BY Typed or Printed Name RONALD O. NEERINGS Reg. Number: 23494 Reg. Number: 34,227	103 22 20	03 11 (Claims in excess of 20	0	ther f	fee (sp	ecify)	ı				
109 82 209 41 **Reissue independent claims over original patent 110 22 210 11 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) SUBMITTED BY Typed or Printed Name RONALD O. NEERINGS Reg. Number 34,227			•									
original patent Other fee (specify) 110 22 210 11 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 *Reduced by Basic Filling Fee Paid SUBTOTAL (3) SUBMITTED BY Typed or Printed Name RONALD O. NEERINGS Reg. Number 34,227			• •	ı								
110 22 210 11 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) SUBMITTED BY Typed or Printed Name RONALD O. NEERINGS Reg. Number 34,227	109 82 20			٦	shar f	faa lar	if-(\		•		\	
SUBTOTAL (2) (\$)0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) Customer Number: 23494 Typed or Printed Name RONALD O. NEERINGS Reg. Number 34,227	110 22 2 ⁻	10 11 '	**Reissue claims in excess of 20 and over								L	
SUBMITTED BY Typed or Printed Name RONALD O. NEERINGS Customer Number: 23494 Reg. Number 34,227	onginal patent			_		.4 L ^	.i. F.::	- C D-'		SUPTOTO: (1)		
Typed or Printed Name RONALD O. NEERINGS Reg. Number 34,227 Page () Deposit Account User ID	SUBTOTAL (2) (\$) 0				keauce(o by Bas	sic Hilling	ree Paid	ı 	SUBTOTAL (3)		
Typed or Printed Name RONALD U. NEERINGS 34,221	SUBMITTED BY									Customer Number:	23494	
Date / Deposit Account User ID	Typed or Printed Name		RONALD O. NEERINGS							Reg. Number	34,227	
Signature \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Signature		Au O. V.	7		\Box	Date	, /	123/00	Deposit Account User ID		